Series One™; Single Point and Flow Controlled

Point of use "non-thermostatic"

Specifications
Electric Tankless Water Heater

Applications

- Hand washing (0.35-2.0 GPM)
- Kitchen/bar/utility sinks
- Manufacturing facilities
- Hand set shower (0.7-2.0 GPM)
- Dual handwash sinks (DL option)
- Modular buildings and tenant spaces

Performance Features

- On demand hot water. Flow switch activates heater only on demand (no standby heat loss).
- Endless hot water – no storage capacity to run out
- Easy installation. No T&P relief valve needed (check local codes), only one cold water line need be brought to installation, mounts on wall
- High temperature limit switch with automatic reset
- Optional flow restricting aerator (for EX-DL models) ensures proper temperature rise. Standard with SP models
- Ni Chrome element – a unique, patented flow path ensures optimum heat transfer and extended element life
- Warranty, five (5) years limited on leaks, one (1) year parts
- Compact size fits almost anywhere for flexible installation; suitable for ADA compliant facilities

Product Specifications

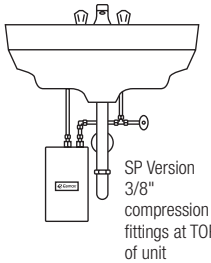
Dimensions:	9.75" x 5.25" x 3"
Weight:	4 lb
Cover:	ABS UL rated 94V0
Color:	White
Element:	Replaceable cartridge insert
Fittings:	SP – 3/8" compression fittings at top of unit EX – 1/2" (5/8" OD) compression fittings at bottom of unit
Min. Dynamic Operating Pressure:	35 PSI
Max. Dynamic Operating Pressure:	150 PSI
UL listed file number:	E86887

U.S. Patent #'s: 4,762,980 and 4,960,976

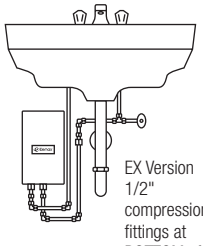
Special Design Service

Inquiries for units for unique applications are welcome.
Call our Technical Service department at **1-800-543-6163.**

Pictured, EX: Bottom Water Connections



SP Version 3/8" compression fittings at TOP of unit



EX Version 1/2" compression fittings at BOTTOM of unit

Note: For optimum performance, mounting location should be located within 2 feet of fixture.

LISTED

NO LEAD*
*The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372

Assembled In USA

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Suggested Specification

Tankless water heater shall be an Eemax Non-Thermostatic model number _____.

Unit shall have ABS-UL 94V0 rated cover. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, nickel chrome material. Water heater to be supplied with compression fittings. EX models will have 1/2" fittings on the bottom of unit, SP units to have 3/8" fittings on the top of unit. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal. NOTE: Refer to rating chart for product information.

Specification options available on EX models:

_____ DL Dual Lavs – supplied with two faucet aerators
_____ SL Single Lav – supplied with 3/8" compression fittings (0.5 or 1.0 GPM aerator included).
_____ N4 NEMA 4 waterproof cabinet w/powder coat finish
_____ N4X NEMA 4 stainless steel waterproof corrosion-resistant cabinet

Series One; Single Point and Flow Controlled

Point of use "non-thermostatic"

Specifications
Electric Tankless Water Heater

	MODEL NUMBER	kW	AMPS	RECOMMENDED WIRE SIZE (75° C/CU)	TURN ON (GPM)	TEMPERATURE RISE °F 0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM
	VOLTS 120								
C	**SP2412‡**	2.4	20	12 AWG	0.3	33°	–	–	–
C	**EX2412**	2.4	20	12 AWG	0.3	33°	–	–	–
C	**SP3012‡**	3.0	25	10 AWG	0.3	41°	–	–	–
C	**EX3012**	3.0	25	10 AWG	0.3	41°	–	–	–
C	**SP3512‡**	3.5	29	10 AWG	0.3	48°	–	–	–
C	**EX3512**	3.5	29	10 AWG	0.3	48°	–	–	–
	VOLTS 208 Single Phase								
C	**SP3208‡**	3.0	15	14 AWG	0.3	41°	–	–	–
C	**EX3208**	3.0	15	14 AWG	0.3	41°	–	–	–
C	**SP4208‡**	4.1	20	12 AWG	0.3	56°	–	–	–
C	**EX4208**	4.1	20	12 AWG	0.3	56°	–	–	–
C	**SP8208‡**	8.3	40	8 AWG	0.7	–	76°	57°	38°
C	**SP8208 DL‡**	8.3	40	8 AWG	0.7	–	76°	57°	38°
C	**EX8208**	8.3	40	8 AWG	0.7	–	76°	57°	38°
C	**EX8208 DL**	8.3	40	8 AWG	0.7	–	76°	57°	38°
	VOLTS 240*								
C	**SP35‡**	3.5	15	14 AWG	0.3	48°	32°	24°	16°
C	**SP35‡** (derated 208V perf.)	2.7	13	14 AWG	0.3	37°	24°	18°	15°
C	**EX35**	3.5	15	14 AWG	0.3	48°	32°	24°	16°
C	**EX35** (derated 208V perf.)	2.7	13	14 AWG	0.3	37°	24°	18°	15°
C	**EX35 SL**	3.5	15	14 AWG	0.3	48°	32°	24°	16°
C	**SP48‡**	4.8	20	12 AWG	0.5	64°	42°	31°	21°
C	**SP48‡** (derated 208V perf.)	3.6	17	12 AWG	0.5	49°	33°	25°	16°
C	**SP48 DL‡**	4.8	20	12 AWG	0.5	64°	42°	31°	21°
C	**EX48**	4.8	20	12 AWG	0.5	64°	42°	31°	21°
C	**EX48** (derated 208V perf.)	3.6	17	12 AWG	0.5	49°	33°	25°	16°
C	**EX48 SL**	4.8	20	12 AWG	0.5	64°	42°	31°	21°
C	**EX48 DL**	4.8	20	12 AWG	0.5	64°	42°	31°	21°
C	**SP55‡**	5.5	23	10 AWG	0.5	75°	50°	38°	25°
C	**SP55‡** (derated 208V perf.)	4.1	20	10 AWG	0.5	56°	38°	28°	19°
C	**SP55 DL‡**	5.5	23	10 AWG	0.5	75°	50°	38°	25°
C	**EX55**	5.5	23	10 AWG	0.7	75°	50°	38°	25°
C	**EX55** (derated 208V perf.)	4.1	20	10 AWG	0.7	56°	38°	28°	19°
C	**EX55 DL**	5.5	23	10 AWG	0.7	75°	50°	38°	25°
C	**EX55 SL**	5.5	23	10 AWG	0.7	75°	50°	38°	25°
C	**SP65‡**	6.5	27	10 AWG	0.7	–	59°	44°	30°
C	**SP65‡** (derated 208V perf.)	4.9	24	10 AWG	0.7	–	44°	33°	22°
C	**SP65 DL‡**	6.5	27	10 AWG	0.7	–	59°	44°	30°
C	**EX65**	6.5	27	10 AWG	0.7	–	59°	44°	30°
C	**EX65** (derated 208V perf.)	4.9	24	10 AWG	0.7	–	44°	33°	22°
C	**EX65 DL**	6.5	27	10 AWG	0.7	–	59°	44°	30°
C	**EX65 SL**	6.5	27	10 AWG	0.7	–	59°	44°	30°
C	**SP75‡**	7.5	32	10 AWG	0.7	–	68°	51°	34°
C	**SP75‡** (derated 208V perf.)	5.6	27	10 AWG	0.7	–	51°	38°	26°
C	**SP75 DL‡**	7.5	32	10 AWG	0.7	–	68°	51°	34°
C	**EX75**	7.5	32	10 AWG	0.7	–	68°	51°	34°
C	**EX75** (derated 208V perf.)	5.6	27	10 AWG	0.7	–	51°	38°	26°
C	**EX75 DL**	7.5	32	10 AWG	0.7	–	68°	51°	34°
C	**EX75 SL**	7.5	32	10 AWG	0.7	–	68°	51°	34°
C	**SP95‡**	9.5	40	8 AWG	0.7	–	87°	65°	43°
C	**SP95‡** (derated 208V perf.)	7.0	34	8 AWG	0.7	–	64°	48°	32°
C	**SP95 DL‡**	9.5	40	8 AWG	0.7	–	87°	65°	43°
C	**EX95**	9.5	40	8 AWG	0.9	–	87°	65°	43°
C	**EX95** (derated 208V perf.)	7.0	34	8 AWG	0.9	–	64°	48°	32°
C	**EX95 DL**	9.5	40	8 AWG	0.9	–	87°	65°	43°
C	**EX95 SL**	9.5	40	8 AWG	0.9	–	87°	65°	43°

* 240V units can be used on 208V single phase with 25% reduced temperature output. Please note per UL standards the rating plate and installation instructions will all be according to a 240V applied voltage. Check with local officials prior to derating the electrical infrastructure.

‡ 3/8" compression fittings at top of unit

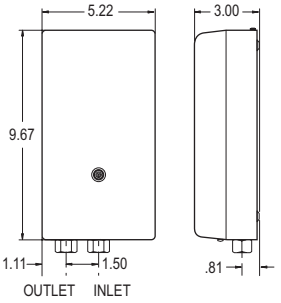
"C" indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

MODEL NUMBER	kW	AMPS	RECOMMENDED WIRE SIZE (75° C/CU)	TURN ON (GPM)	TEMPERATURE RISE °F 0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM
VOLTS 277 Single Phase								
SP3277‡	3.0	11	14 AWG	0.3	41°	–	–	–
EX3277	3.0	11	14 AWG	0.3	41°	–	–	–
SP4277‡	4.1	15	14 AWG	0.3	56°	37°	28°	19°
EX4277	4.1	15	14 AWG	0.3	56°	37°	28°	19°
SP60‡	6.0	22	10 AWG	0.7	–	55°	41°	27°
SP60 DL‡	6.0	22	10 AWG	0.7	–	55°	41°	27°
EX60	6.0	22	10 AWG	0.7	–	55°	41°	27°
EX60 SL	6.0	22	10 AWG	0.7	–	55°	41°	27°
EX60 DL	6.0	22	10 AWG	0.7	–	55°	41°	27°
SP80‡	8.0	29	10 AWG	0.7	–	73°	55°	36°
SP80 DL‡	8.0	29	10 AWG	0.7	–	73°	55°	36°
EX80	8.0	29	10 AWG	0.7	–	73°	55°	36°
EX80 SL	8.0	29	10 AWG	0.7	–	73°	55°	36°
EX80 DL	8.0	29	10 AWG	0.7	–	73°	55°	36°
SP90‡	9.0	33	10 AWG	0.7	–	82°	61°	41°
SP90 DL‡	9.0	33	10 AWG	0.7	–	82°	61°	41°
EX90	9.0	33	10 AWG	0.9	–	82°	61°	41°
EX90 SL	9.0	33	10 AWG	0.9	–	82°	61°	41°
EX90 DL	9.0	33	10 AWG	0.9	–	82°	61°	41°
SP100‡	10.0	36	8 AWG	0.7	–	91°	68°	46°
SP100 DL‡	10.0	36	8 AWG	0.7	–	91°	68°	46°
EX100	10.0	36	8 AWG	0.9	–	91°	68°	46°
EX100 SL	10.0	36	8 AWG	0.9	–	91°	68°	46°
EX100 DL	10.0	36	8 AWG	0.9	–	91°	68°	46°

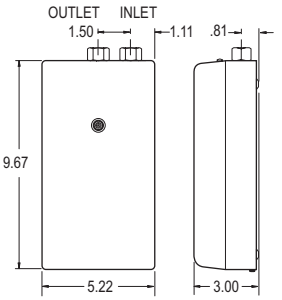
Suffix Definitions

DL Dual Lavs – Two faucet aerators provided
SL Single Lav – 3/8" compression connections

"EX"



"SP"



NEMA 4/4X

For EX version only. NEMA cabinets not available for SP version.